Structural Steel

Scope:- These specifications are intended to cover the furnishing, delivery, erection and painting of all structural steel required for the complete building construction, including building columns, braces, floor girders, beams, roof girders, purlins, pent house, balcony construction and rails, walkways and platforms, straight stairs, hoist support, crane runway and rails, window and door lintels, bearing plates, anchors, door frames, door guards, hatchway framing, supports for flag pole, antannæ poles, wires for regular, also for spiral stairs, etc.

General:- All of the structural steel work to be of the sizes and sections shown on the drawings, or their equivalent, providing substitutes are approved, and the stresses in the members and the design of the rivet connections, etc. to be in accordance with the City Building Code. All connections and details to be according to Carnegie standards, or equal.

All steel to be of the quality known as medium structural steel for buildings as described in the latest specifications of the American Society for Testing Materials, All steel to be new and free from rust, dirt and scale.

Live Loads:- The steel framing to carry the live loads called for on the trusses and roof decks, floor, etc.

Contractors Detailed Drawings:- The contractor is to sub-